

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

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For Month Ending: January 31, 2010  
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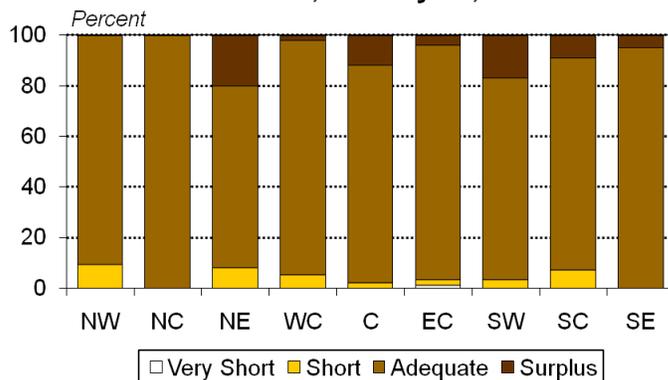
**General:** In late January, a storm system with freezing rain and blizzard-like conditions halted corn harvest and added stress to livestock, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Some producers were able to make limited corn harvest progress in January. Reporters noted that power outages in the western and south central districts created some concern about water availability for livestock. Many farm and ranch activities during January were limited due to adverse weather conditions. County and secondary roads on January 31 were rated 80 percent open, 14 difficult and 6 closed. Road conditions were 27 percent drifted, 22 icy and 51 dry on January 31.

Statewide, average snow depth was 13.3 inches on January 31, compared with 16.6 inches last year and 11.3 inches on January 3, 2010. The south central and southeast districts reported the highest snow depth with 15.0 and 16.0 inches, respectively. The northwest district reported the lowest snow depth with 11.1 inches, followed by 11.9 inches in the southwest district.

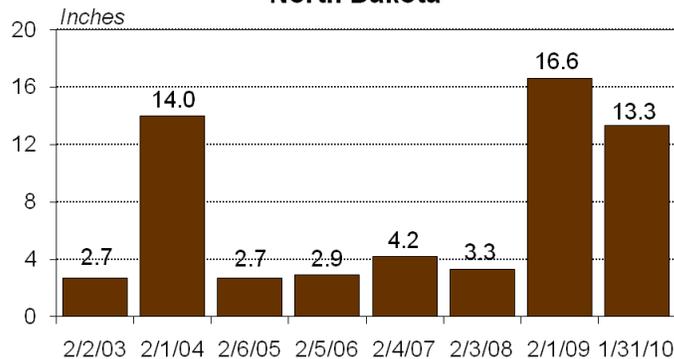
**Crops:** As of January 31, snow cover protection for alfalfa was rated 2 percent poor, 46 adequate and 52 excellent. Snow cover protection for winter wheat was rated 3 percent poor, 52 adequate and 45 excellent. Corn harvest increased 2 percentage points from January 3 to 73 percent complete.

**Livestock:** Reporters noted that cold weather has led to increased feed consumption; however, hay and forage supplies were rated 4 percent short, 88 adequate and 8 surplus. Cattle conditions were rated 2 percent poor, 15 fair, 73 good and 10 excellent. Sheep conditions were rated 3 percent poor, 16 fair, 73 good and 8 excellent.

**Hay and Forage Supplies by District  
North Dakota, January 31, 2010**



**Average Snow Depth by Date  
North Dakota**



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**Weather:** Overall, January had above normal temperatures across most of the state with near to below normal temperatures in parts of the southwest and central regions. Precipitation was above normal in much of the central and east and below normal in much of the west. Most of the precipitation occurred from a large storm system that affected much of the state from January 22-25. Temperatures were below normal for the first week of the month. Snowfall amounts of generally 2 to 8 inches occurred across the southeast, central, and parts of the west on January 5-6 with amounts near 12 inches in parts of the south central and southeast. For the second week of the month, temperatures transitioned to above normal. The above normal temperatures continued through the third week of the month before finally falling back below normal for the last week of the month. Widespread precipitation fell in the form of rain and snow for most of the central and eastern areas of the state from January 22-25. Most of the central part of the state received between 2 to 10 inches of snow with the highest amounts in the north central areas. More rain than snow fell in the far eastern part of the state with generally only 2 to 4 inches of snow. Liquid precipitation amounts of around half an inch to one inch were common with this storm system, with some amounts between one and two inches in parts of the southeast. The storm ended with blizzard conditions on January 25 mainly across the eastern part of the state.

**Outlook, February:** February looks to start off with below normal temperatures for the first few days of the month and then transition to near to above normal temperatures for the end of the first week. Temperatures will be above normal in the northern and eastern areas of the state for the second week of the month and near normal elsewhere. Precipitation will be near normal. Temperatures will be above normal across much of the state for the month of February. Precipitation looks to be near to above normal overall for the month across the state. Precipitation will be near to below normal for the first half of the month and near to above normal for the second half. The best chance for above normal precipitation will occur in the southern areas of the state. The best chance for above normal temperatures will occur in the northern and eastern areas of the state.

TEMPERATURE, January 1-31, 2010

District & Stations	Temperature			
	High	Low	Average	Depart/Norm <sup>1</sup>
	Degrees F	Degrees F	Degrees F	Degrees F
<b>NORTHWEST</b>				
Bowbells	39	-30	9	3
Williston	39	-26	12	5
Mohall	39	-31	9	3
Minot	41	-27	11	1
<b>NORTH CENTRAL</b>				
Baker	38	-29	8	5
Bottineau	39	-35	6	4
Rugby	38	-34	6	0
<b>NORTHEAST</b>				
Cando	38	-27	7	-3
Cavalier	41	-20	10	7
Forest River	41	-22	9	5
Grand Forks	39	-23	8	3
Langdon	36	-25	7	7
St. Thomas	40	-22	9	4
<b>WEST CENTRAL</b>				
Hazen	41	-37	9	-2
Turtle Lake	39	-30	9	2
Watford City	39	-27	13	0
<b>CENTRAL</b>				
Carrington	39	-30	8	2
Harvey	39	-34	8	-1
Jamestown	37	-28	9	1
Robinson	37	-31	8	-3
Streeter	36	-29	8	1
<b>EAST CENTRAL</b>				
Dazey	39	-29	8	4
Fargo	36	-22	10	4
Hillsboro	37	-24	8	3
<b>SOUTHWEST</b>				
Beach	43	-24	16	1
Bowman	39	-25	15	1
Dickinson	40	-27	14	0
Hettinger	42	-22	16	3
<b>SOUTH CENTRAL</b>				
Mandan	43	-27	11	1
Linton	37	-25	11	2
<b>SOUTHEAST</b>				
Edgeley	39	-24	9	1
Oakes	34	-27	10	3
Wyndmere	36	-30	9	1

<sup>1</sup>Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.